

Set	Items	Description
S1	49912	MICROARRAY? OR MICRO()ARRAY?
S2	94513	GUI OR GRAPHIC?()USER()INTERFACE? OR MENU? OR ICON? ?
S3	15	S1 AND S2
S4	4415	S1 (10N) (SOFTWARE? OR TOOL? ? OR APPLICATION? OR COMPUTER- (2N)PROGRAM?)
S5	3160	S4 AND (ANALYSIS? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO)
S6	19923	S1(5N)(ANALY? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO OR MATHEMATIC?)
S7	1842	S5 AND S6
S8	1032	S4(5N)S6
S9	348	S8 AND (DISPLAY? OR SCREEN? OR INTERFACE? OR ICON? OR CONT- ROL?)
S10	205	RD (unique items)
S11	41	S10 NOT PY>2001
S12	56	S11 OR S3
S13	48	RD (unique items)
S14	42	S13 NOT PY>2001
File	8: Ei Compendex(R)	1970-2004/May W3 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online	1861-2004/Apr (c) 2004 ProQuest Info&Learning
File	65: Inside Conferences	1993-2004/May W3 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/May W3 (c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2004/May W1 (c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM)	1979-2004/May 24 (c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	6: NTIS	1964-2004/May W4 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	144: Pascal	1973-2004/May W3 (c) 2004 INIST/CNRS
File	34: SciSearch(R) Cited Ref Sci	1990-2004/May W3 (c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs	1983-2004/Apr (c) 2004 The HW Wilson Co.
File	5: Biosis Previews(R)	1969-2004/May W3 (c) 2004 BIOSIS
File	154: MEDLINE(R)	1990-2004/May W3 (c) format only 2004 The Dialog Corp.
File	72: EMBASE	1993-2004/May W3 (c) 2004 Elsevier Science B.V.
File	315: ChemEng & Biotec Abs	1970-2004/Apr (c) 2004 DECHEMA
File	358: Current BioTech Abs	1983-2004/Apr (c) 2004 DECHEMA

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Set	Items	Description
S1	52493	MICROARRAY? OR MICRO()ARRAY? OR (GENOM? OR GENETIC? OR GEN- E? OR PROTEIN OR CDNA OR DNA OR NUCLEIC()ACID OR ANTIBOD?)(3N- ) (SUBSTRAT? OR WAFER? OR FILTER? OR SUBSTRAT? OR MICROCHIP? OR SLIDE? OR BEAD? OR MICROCHIP?)
S2	390	S1(2N) (DATA()OPERATION? OR STATISTIC? OR ALGORITHM? OR FOR- MULA? OR MATHEMATIC? OR MANIPULAT? OR DPO OR DPOS OR DATA()PR- EPARATION)
S3	174	S2 AND (TOOL? OR SOFTWARE? OR COMPUTER?)(PROGRAM? OR APPL- ICATION? OR CODE?)
S4	42620	GUI OR GRAPHIC?()USER()INTERFACE? OR ONSCREEN? OR MENU OR - MENUS
S5	2588	S1 (10N) (TOOL? OR PROGRAM? OR APPLICATION? OR SOFTWARE?)
S6	10	S4(S)S5
S7	18	S2(10N) (TOOL? OR PROGRAM? OR SOFTWARE? OR APPLICATION?)
S8	28	S6 OR S7
S9	4	S8 AND IC=(G06F? OR G09G?)
S10	4	IDPAT (sorted in duplicate/non-duplicate order)
S11	4	IDPAT (primary/non-duplicate records only)
S12	7268	MICROARRAY? OR MICRO()ARRAY?
S13	50777	GUI OR GRAPHIC?()USER()INTERFACE? OR MENU? OR ICON? ?
S14	320	S12 AND S13
S15	7084	S12 AND (SOFTWARE? OR TOOL? ? OR APPLICATION? OR COMPUTER(- 2N)PROGRAM?)
S16	6757	S15 AND (ANALYSIS? OR OPERATION? OR ALGORITHM? OR STATISTI- C? OR FORMULA? OR DPO)
S17	291	S16 AND IC=(G06F? OR G09G?)
S18	2721	S12(5N) (ANALY? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO OR MATHEMATIC?)
S19	129	S17 AND S18
S20	419	S19 OR S14
S21	3	S12(10N)S13(12N) (SOFTWARE? OR TOOL? OR APPLICATION? OR COM- PUTER()PROGRAM?)
S22	11	S12(S)S13(S) (ANALYSIS? OR OPERATION? OR ALGORITHM? OR STAT- ISTIC? OR FORMULA? OR DPO)
S23	12	S21 OR S22
S24	12	IDPAT (sorted in duplicate/non-duplicate order)
S25	12	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2004/May W03  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040520,UT=20040513  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	3677	MICROARRAY? OR MICRO()ARRAY?
S2	33619	GUI OR GRAPHIC?()USER()INTERFACE? OR MENU? OR ICON? ?
S3	8	S1 AND S2
S4	1074	S1 AND (SOFTWARE? OR TOOL? ? OR APPLICATION? OR COMPUTER(2-N) PROGRAM?)
S5	316	S4 AND (ANALYSIS? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO)
S6	60	S5 AND IC=(G06F? OR G09G?)
S7	408	S1(5N) (ANALY? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO OR MATHEMATIC?)
S8	20	S6 AND S7
S9	27	S8 OR S3
S10	27	IDPAT (sorted in duplicate/non-duplicate order)
S11	27	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)  
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200432  
(c) 2004 Thomson Derwent

Set	Items	Description
S1	35330	MICROARRAY? OR MICRO()ARRAY? OR (GENOM? OR GENETIC? OR GEN- E? OR PROTEIN OR CDNA OR DNA OR NUCLEIC()ACID OR ANTIBOD?)(3N- ) (SUBSTRAT? OR WAFER? OR FILTER? OR SUBSTRAT? OR MICROCHIP? OR SLIDE? OR BEAD? OR MICROCHIP?)
S2	143	S1(2N) (DATA()OPERATION? OR STATISTIC? OR ALGORITHM? OR FOR- MULA? OR MATHEMATIC? OR MANIPULAT? OR DPO OR DPOS OR DATA()PR- EPARATION)
S3	0	S2 AND (TOOL? OR SOFTWARE? OR COMPUTER?() (PROGRAM? OR APPL- ICATION? OR CODE?))
S4	27049	GUI OR GRAPHIC?()USER()INTERFACE? OR ONSCREEN? OR MENU OR - MENUS
S5	3772	S1 AND (TOOL? OR PROGRAM? OR APPLICATION? OR SOFTWARE?)
S6	21	S4 AND S5
S7	2	S2 AND S4
S8	22	S6 OR S7
S9	5	S2 AND IC=G09G?
S10	25	S9 OR S8
S11	19	S10 AND IC=(G06F? OR G09G?)
S12	19	IDPAT (sorted in duplicate/non-duplicate order)
S13	19	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)  
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200431  
(c) 2004 Thomson Derwent

Set	Items	Description
S1	11729	MICROARRAY? OR MICRO()ARRAY?
S2	960419	GUI OR GRAPHIC?()USER()INTERFACE? OR MENU? OR ICON? ?
S3	19	S1 (12N) S2
S4	2840	S1 (10N) (SOFTWARE? OR TOOL? ? OR APPLICATION? OR COMPUTER- (2N)PROGRAM?)
S5	834	S4 (12N) (ANALYSIS? OR OPERATION? OR ALGORITHM? OR STATIST- IC? OR FORMULA? OR DPO)
S6	2932	S1(5N) (ANALY? OR OPERATION? OR ALGORITHM? OR STATISTIC? OR FORMULA? OR DPO OR MATHEMATIC?)
S7	8	S2(5N)S5(5N)S6
S8	8	S2(10N)S4(10N)S6
S9	19	S7 OR S3 OR S8
S10	10	RD (unique items)
S11	4	S10 NOT PY>2001
S12	3	S11 NOT PD=20011017:20031017
File 275:		Gale Group Computer DB(TM) 1983-2004/May 24 (c) 2004 The Gale Group
File 47:		Gale Group Magazine DB(TM) 1959-2004/May 21 (c) 2004 The Gale group
File 636:		Gale Group Newsletter DB(TM) 1987-2004/May 24 (c) 2004 The Gale Group
File 16:		Gale Group PROMT(R) 1990-2004/May 24 (c) 2004 The Gale Group
File 624:		McGraw-Hill Publications 1985-2004/May 21 (c) 2004 McGraw-Hill Co. Inc
File 484:		Periodical Abs Plustext 1986-2004/May W3 (c) 2004 ProQuest
File 813:		PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File 141:		Readers Guide 1983-2004/May (c) 2004 The HW Wilson Co
File 696:		DIALOG Telecom. Newsletters 1995-2004/May 23 (c) 2004 The Dialog Corp.
File 621:		Gale Group New Prod. Annou. (R) 1985-2004/May 21 (c) 2004 The Gale Group
File 674:		Computer News Fulltext 1989-2004/May W3 (c) 2004 IDG Communications
File 369:		New Scientist 1994-2004/May W3 (c) 2004 Reed Business Information Ltd.
File 160:		Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File 15:		ABI/Inform(R) 1971-2004/May 22 (c) 2004 ProQuest Info&Learning
File 9:		Business & Industry(R) Jul/1994-2004/May 19 (c) 2004 The Gale Group
File 13:		BAMP 2004/May W1 (c) 2004 The Gale Group
File 810:		Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File 647:		CMP Computer Fulltext 1988-2004/May W2 (c) 2004 CMP Media, LLC
File 98:		General Sci Abs/Full-Text 1984-2004/May (c) 2004 The HW Wilson Co.
File 148:		Gale Group Trade & Industry DB 1976-2004/May 24 (c)2004 The Gale Group

Set	Items	Description
S1	27	AU=(HOFF B? OR HOFF, B?)
S2	15	AU=(SHAMS S? OR SHAMS, S?)
S3	7	AU=(DRAGHICI S? OR DRAGHICI, S?)
S4	8292	AU=(AOKI K? OR AOKI, K?)
S5	1	S1 AND S2 AND S3 AND S4
S6	668	(S1 OR S2 OR S3 OR S4) AND IC=(G09G? OR G06F?)
S7	112	(S1 OR S2 OR S3 OR S4) AND IC=(G09G-005?)
S8	22	(S1 OR S2 OR S3 OR S4) AND IC=G09G-005/00
S9	1	S7 AND (MICROARRAY? OR MICRO()ARRAY?)
S10	1	S7 AND (MICROSCOPIC? OR NUCLEO? OR PROTEIN? OR GENETIC? OR AMINO OR DNA OR CELLULAR? OR BIOLOGIC?)
S11	18	S7 AND (ARRAY? OR GRID? OR MATRIX? OR MATRICE? OR TABLE?)
S12	18	S9 OR S10 OR S5 OR S11
S13	18	IDPAT (sorted in duplicate/non-duplicate order)
S14	17	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)  
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File 348:EUROPEAN PATENTS 1978-2004/May W02  
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040513,UT=20040506  
(c) 2004 WIPO/Univentio

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200431  
(c) 2004 Thomson Derwent

Set	Items	Description
S1	213	AU=(HOFF B? OR HOFF, B?)
S2	92	AU=(SHAMS S? OR SHAMS, S?)
S3	121	AU=(DRAGHICI S? OR DRAGHICI, S?)
S4	7247	AU=(AOKI K? OR AOKI, K?)
S5	0	S1 AND S2 AND S3 AND S4
S6	45	(S1 OR S2 OR S3 OR S4) AND (MICROARRAY? OR MICRO()ARRAY?)
S7	1471	(S1 OR S2 OR S3 OR S4) AND (MICROSCOPIC? OR NUCLEO? OR PRO- TEIN? OR GENETIC? OR AMINO OR DNA OR CELLULAR? OR BIOLOGIC?)
S8	71	S7 AND (ARRAY? OR GRID? OR MATRIX? OR MATRICE? OR TABLE?)
S9	91	S6 OR S8
S10	46	S9 AND (MANIPULAT? OR MASSAG? OR MODIF? OR CHANG? OR ALGOR- ITHM? OR STATISTIC? OR MATHEMATIC? OR FORMULA?)
S11	22	S10 AND (GUI OR GRAPHIC? OR TOOL? OR SOFTWARE? OR APPLICAT- ION?)
S12	12	RD (unique items)
File 154:	MEDLINE(R)	1990-2004/May W3 (c) format only 2004 The Dialog Corp.
File 5:	Biosis Previews(R)	1969-2004/May W3 (c) 2004 BIOSIS
File 2:	INSPEC	1969-2004/May W2 (c) 2004 Institution of Electrical Engineers
File 8:	Ei Compendex(R)	1970-2004/May W2 (c) 2004 Elsevier Eng. Info. Inc.
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File 160:	Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File 148:	Gale Group Trade & Industry DB	1976-2004/May 21 (c) 2004 The Gale Group
File 34:	SciSearch(R) Cited Ref Sci	1990-2004/May W2 (c) 2004 Inst for Sci Info
File 35:	Dissertation Abs Online	1861-2004/Apr (c) 2004 ProQuest Info&Learning
File 65:	Inside Conferences	1993-2004/May W3 (c) 2004 BLDSC all rts. reserv.
File 636:	Gale Group Newsletter DB(TM)	1987-2004/May 21 (c) 2004 The Gale Group
File 275:	Gale Group Computer DB(TM)	1983-2004/May 21 (c) 2004 The Gale Group
File 647:	CMP Computer Fulltext	1988-2004/May W2 (c) 2004 CMP Media, LLC
File 674:	Computer News Fulltext	1989-2004/May W3 (c) 2004 IDG Communications